

#9/ Attachment

## Individual Applicant

-----

Street : 57 Culver Road  
City : Rochester  
State : New York  
Country : USA  
PostalCode : 14620-\_\_\_\_  
PhoneNumber : \_\_\_\_-\_\_\_\_-\_\_\_\_  
FaxNumber : \_\_\_\_-\_\_\_\_-\_\_\_\_  
EmailAddress :

<110> LastName : Sutherland  
<110> FirstName : John  
<110> MiddleInitial : W  
<110> Suffix :

## Individual Applicant

-----

Street : 57 Culver Road  
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EmailAddress :

<110> LastName : Sutherland  
<110> FirstName : John  
<110> MiddleInitial : W  
<110> Suffix :

## Application Project

-----

<120> Title : Detecting Nucleic Acid Detection Sequences  
<130> AppFileReference : CDS-232  
<140> CurrentAppNumber :  
<141> CurrentFilingDate : \_\_\_\_-\_\_\_\_-\_\_\_\_

## Sequence

-----

<213> OrganismName : Synthetic construct  
<400> PreSequenceString :  
cacagacatc ataacaaaaa atttccacca aacccccctt cccccgcttc tggccacagc  
60acttaaacac atctctgcca aaccccaaaa acaaagaacc ctaacac  
107

<212> Type : DNA  
<211> Length : 107  
SequenceName : First Sequence  
SequenceDescription :

## Custom Codon

-----

Sequence Name : First Sequence

## Sequence

-----

&lt;213&gt; OrganismName : Synthetic construct

&lt;400&gt; PreSequenceString :

cacagacatc ataacaaaaa attt

24

&lt;212&gt; Type : DNA

&lt;211&gt; Length : 24

SequenceName : Second Sequence

SequenceDescription :

## Custom Codon

-----

Sequence Name : Second Sequence

## Sequence

-----

&lt;213&gt; OrganismName : Synthetic construct

&lt;400&gt; PreSequenceString :

gtggttagggt tctttgtttt tgggg

25

&lt;212&gt; Type : DNA

&lt;211&gt; Length : 25

SequenceName : Third Sequence

SequenceDescription :

## Custom Codon

-----

Sequence Name : Third Sequence

## Sequence

-----

&lt;213&gt; OrganismName : Synthetic construct

&lt;400&gt; PreSequenceString :

gcgagctctg gccacagcac ttaaaccgc tcgc

34

&lt;212&gt; Type : DNA

&lt;211&gt; Length : 34

SequenceName : Fourth Sequence

SequenceDescription :

## Custom Codon

-----

Sequence Name : Fourth Sequence

Sequence

-----

<213> OrganismName : Human

<400> PreSequenceString :

```
agaaccaaca cctctttaca gtgaaatgcc ccaactaaat actaccgtat ggcccacccat
    60aattaccccc atactcctta cactattcct catcacccaa ctaaaaatat taaa
cacaaa      120ctaccaccta cctccctcac caaagcccat aaaaataaaa aattataa
ca aaccctgaga      180acaaaaatga acgaaaatct gttcgcttca ttcattgccc c
cacaatcct aggcctaccc      240gccgcagtac tgatcattct atttccccct ctatt
gatcc ccacctccaa atatctcatc      300aacaaccgac taatcaccac ccaacaatg
a                                     330
```

<212> Type : DNA

<211> Length : 330

SequenceName : Fifth Sequence

SequenceDescription :

Custom Codon

-----

Sequence Name : Fifth Sequence

Sequence

-----

<213> OrganismName : Synthetic construct

<400> PreSequenceString :

```
accaacacct ctttacagt aaatgcc
    27
```

<212> Type : DNA

<211> Length : 27

SequenceName : Sixth Sequence

SequenceDescription :

Custom Codon

-----

Sequence Name : Sixth Sequence

Sequence

-----

<213> OrganismName : Synthetic construct

<400> PreSequenceString :

```
tcattgttgg gtggtgatta g
    21
```

<212> Type : DNA

<211> Length : 21

SequenceName : Seventh Sequence

SequenceDescription :

Custom Codon

-----  
Sequence Name : Seventh Sequence

Sequence

-----  
<213> OrganismName : Synthetic construct  
<400> PreSequenceString :  
ccgtcgcctc cctcaccaaa gcccataaac gacgg  
35  
<212> Type : DNA  
<211> Length : 35  
SequenceName : Eight Sequence  
SequenceDescription :

Custom Codon

-----  
Sequence Name : Eight Sequence

Sequence

-----  
<213> OrganismName : Synthetic construct  
<400> PreSequenceString :  
tgtatgatat gtttgcggtt tcgatgat  
28  
<212> Type : DNA  
<211> Length : 28  
SequenceName : Ninth Sequence  
SequenceDescription :

Custom Codon

-----  
Sequence Name : Ninth Sequence

Sequence

-----  
<213> OrganismName : Synthetic construct  
<400> PreSequenceString :  
gccccaaacta aatactaccg  
20  
<212> Type : DNA  
<211> Length : 20  
SequenceName : Tenth Sequence  
SequenceDescription :

Custom Codon

-----  
Sequence Name : Tenth Sequence

## Sequence

```

-----
<213> OrganismName : Synthetic construct
<400> PreSequenceString :
gatgtggtct ttggagtaga aacctg
      26
<212> Type : DNA
<211> Length : 26
      SequenceName : Eleventh Sequence
      SequenceDescription :

```

## Custom Codon

```

-----
Sequence Name : Eleventh Sequence

```

## Sequence

```

-----
<213> OrganismName : Synthetic construct
<400> PreSequenceString :
ccgctcgaaa ggtattcctg ctaatgctag gctgccaatc gagcgg
      46
<212> Type : DNA
<211> Length : 46
      SequenceName : Twelfth Sequence
      SequenceDescription :

```

## Custom Codon

```

-----
Sequence Name : Twelfth Sequence

```

## Sequence

```

-----
<213> OrganismName : Human
<400> PreSequenceString :
ggggaagcag atttgggtac caccgaagta ttgactcacc catcaacaac cgctatgtat
      60ttcgtacatt actgccagcc accatgaata ttgtacggta ccataaatac ttga
ccacct      120gtagtagacata aaaacccaat ccacatcaaa accccctccc catgctta
ca agcaagtaca      180g
                                181
<212> Type : DNA
<211> Length : 181
      SequenceName : Thirteenth Sequence
      SequenceDescription :

```

## Custom Codon

```

-----
Sequence Name : Thirteenth Sequence

```

## Sequence

-----

&lt;213&gt; OrganismName : Synthetic construct

&lt;400&gt; PreSequenceString :

ggggaagcag attgggtac ca

22

&lt;212&gt; Type : DNA

&lt;211&gt; Length : 22

SequenceName : Fourteenth Sequence

SequenceDescription :

## Custom Codon

-----

Sequence Name : Fourteenth Sequence

## Sequence

-----

&lt;213&gt; OrganismName : Synthetic construct

&lt;400&gt; PreSequenceString :

ctgtacttgc ttgtaagcat

20

&lt;212&gt; Type : DNA

&lt;211&gt; Length : 20

SequenceName : Fifteenth Sequence

SequenceDescription :

## Custom Codon

-----

Sequence Name : Fifteenth Sequence

## Sequence

-----

&lt;213&gt; OrganismName : Synthetic construct

&lt;400&gt; PreSequenceString :

gcgtcggact cacccatcaa caaccgctat cgacgc

36

&lt;212&gt; Type : DNA

&lt;211&gt; Length : 36

SequenceName : Sixteenth Sequence

SequenceDescription :

## Custom Codon

-----

Sequence Name : Sixteenth Sequence

## Sequence

-----

<213> OrganismName : Human

<400> PreSequenceString :

```
gccgcagtac tgatcattct atttccccct ctattgatcc ccacctccaa atatctcatc
    60aacaaccggc tatgtatttc gtacattact gccagccacc atgaatattg tacg
gtacca      120taaatacttg accacctgta gtacataaaa acccaatcca catcaaaa
cc ccctcccat      180gcttacaagc aagtacag
                                198
```

<212> Type : DNA

<211> Length : 198

SequenceName : Seventeenth Sequence

SequenceDescription :

Custom Codon

-----

Sequence Name : Seventeenth Sequence

Sequence

-----

<213> OrganismName : Synthetic construct

<400> PreSequenceString :

```
gcgtcgctgc cagccacat gaatattgta cgacgc
    36
```

<212> Type : DNA

<211> Length : 36

SequenceName : Eighteenth Sequence

SequenceDescription :

Custom Codon

-----

Sequence Name : Eighteenth Sequence

Sequence

-----

<213> OrganismName : Synthetic construct

<400> PreSequenceString :

```
gccgcagtac tgatcattct atttccccct cta
    33
```

<212> Type : DNA

<211> Length : 33

SequenceName : Nineteenth Sequence

SequenceDescription :

Custom Codon

-----

Sequence Name : Nineteenth Sequence

Sequence

-----

<213> OrganismName : Synthetic construct  
<400> PreSequenceString :  
ccgctcggcc gcagtactga tcattctatt tccccctcta cgagcgg  
47  
<212> Type : DNA  
<211> Length : 47  
SequenceName : Twentieth Sequence  
SequenceDescription :

Custom Codon  
-----

Sequence Name : Twentieth Sequence

Sequence  
-----

<213> OrganismName : Synthetic construct  
<400> PreSequenceString :  
tactcaaaac catacctctc acttcaacct  
30  
<212> Type : DNA  
<211> Length : 30  
SequenceName : Twenty-first Sequence  
SequenceDescription :

Custom Codon  
-----

Sequence Name : Twenty-first Sequence

Sequence  
-----

<213> OrganismName : Synthetic construct  
<400> PreSequenceString :  
gaacgaaaat ctgttcgctt cattcattgc  
30  
<212> Type : DNA  
<211> Length : 30  
SequenceName : Twenty-Second Sequence  
SequenceDescription :

Custom Codon  
-----

Sequence Name : Twenty-Second Sequence

Sequence  
-----

<213> OrganismName : Synthetic construct  
<400> PreSequenceString :  
gcgtcgcac acccaactaa aaatattaaa caccgacgc



39  
<212> Type : DNA  
<211> Length : 39  
SequenceName : Twenty-third Sequence  
SequenceDescription :

Custom Codon  
-----

Sequence Name : Twenty-third Sequence

Sequence  
-----

<213> OrganismName : Synthetic construct

<400> PreSequenceString :

ctgctaatagc taggctgccat

22

<212> Type : DNA

<211> Length : 22

SequenceName : Twenty-fourth Sequence

SequenceDescription :

Custom Codon  
-----

Sequence Name : Twenty-fourth Sequence

Sequence  
-----

<213> OrganismName : Synthetic construct

<400> PreSequenceString :

cgccgcctca tcacccaact aaaaatatta aacacaaact accaccggcg gcg

53

<212> Type : DNA

<211> Length : 53

SequenceName : Twenty-fifth Sequence

SequenceDescription :

Custom Codon  
-----

Sequence Name : Twenty-fifth Sequence

Sequence  
-----

<213> OrganismName : Synthetic construct

<400> PreSequenceString :

cctgcggctg ccagccacca tgaatattgt acggtaccgc agg

43

<212> Type : DNA

<211> Length : 43

SequenceName : Twenty-sixth Sequence  
SequenceDescription :

Custom Codon  
-----

Sequence Name : Twenty-sixth Sequence